

WEST**Searches for User *rschnizer* (Count = 437)**

Queries 388 through 437.

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S437	USPT	(beta casein)same extraction
S436	USPT	((beta casein)near10 purif\$) and chromatography
S435	USPT	(beta casein)near10 purif\$
S434	USPT	beta casein
S391	USPT	5739407.pn.
S390	DWPI	maunufacture of human beta casein
S389	DWPI	maunufacture of human beta casein for use in infant formula
S388	DWPI	9304171.pn.

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SEARCH HISTORY FOR 09/095639

FILE 'BIOSIS, CAPLUS, EMBASE, MEDLINE, BIOTECHDS' ENTERED AT 13:14:06 ON
13 NOV 1999

L1 6350 S BETA CASEIN
L2 22 S L1 AND ((KNOCK OUT) OR NULL)
L3 12 DUP REM L2 (10 DUPLICATES REMOVED)
L4 5735 S INFANT FORMULA
L5 22 S L1 AND L2
L6 32 S L1 AND L4
L7 24 DUP REM L6 (8 DUPLICATES REMOVED)

(FILE 'HOME' ENTERED AT 15:04:47 ON 17 NOV 1999)

FILE 'MEDLINE' ENTERED AT 15:04:53 ON 17 NOV 1999

L1 157 S (BETA CASEIN) AND CHROMATOGRAPHY
L2 16 S L1 AND CASEIN (15W) PURIF?
L3 0 S (BETA CASEIN) (20W) PURIF
L4 19 S (BETA CASEIN) (20W) PURIF?
L5 120 S (BETA CASEIN) AND (FILTRATION OR MEMBRANE)
L6 40 S L5 AND PURIF?

AN 118:58380 CA
TI Preparative-scale purification of bovine caseins on a
cation-exchange resin
AU Leaver, Jeffrey; Law, Andrew J. R.
CS Hannah Res. Inst., Ayr, K16 5HL, UK
SO J. Dairy Res. (1992), 59(4), 557-61
CODEN: JDRSAN; ISSN: 0022-0299
DT Journal
LA English
CC 17-8 (Food and Feed Chemistry)
AB Acid casein prepd. from fresh skim bovine milk was loaded on a
column of S-Sepharose Fast Flow, the column was washed with buffer
(20 mM acetate-6M urea, pH 5.0), and the eluent collected. A 1600
mL linear gradient of NaCl (0.2-0.6M) was passed through the column
to elute the bound caseins. Fraction 1, the unbound material,
contained . ***beta*** .- ***casein*** , fraction 2 was
.kappa.-casein, fraction 3 .alpha.s2-casein and fraction 4
.alpha.s1-casein. The purity of the casein fractions was estd. from
FPLC profiles to be >90%. Both wet, pptd. caseinate and
freeze-dried caseinate were suitable as starting materials providing
that the quantity of urea was adjusted. A complete purifn. took 7
h.

Sent: □haian

From: Ton, Thaia
Sent: Thursday, February 27, 2003 1:41 PM
To: Fredman, Jeffrey
Cc: Ton, Thaia
Subject: Rush Sequence Search Request

Hi Jeff,

Could you please approve this rush sequence search request? It is an amended due this bi-week that I am considering to allow.

Application Serial No: 09/095,639

First Named Inventor: POZZILLI, PAOLO

Please search bovine beta-casein (or fragments thereof) that lack any the following sequences:

SEQ ID NO: 1

SEQ ID NO: 2

SEQ ID NO: 3

SEQ ID NO: 4

against the commercial and interference protein databases.

Please let me know if this request is not clear. Thanks very much.

Thái-An N. Ton

Patent Examiner

Art Unit 1632

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